

Session 7: Forthcoming Technologies

- Moderators:
 - Christine Gommenginger, National Oceanography Centre, Southampton, UK
 - Keith Raney, Johns Hopkins University, US
- Session program (13:45-15:15)
 - Christine Gommenginger (NOCS; chair): Welcome and opening remarks (5')
 - Keith Raney (Johns Hopkins University, US): Motivation and issues for forthcoming altimeter technologies in the Coastal zone (15')
 - J.Benveniste (European Space Agency): Exploiting Delay Doppler Altimetry in the coastal zone with Sentinel 3 (15')
 - Alix Lombard (Centre Nationale d'Etudes Spatiales, France): Applications of Alti-Ka in the coastal zone (15')
 - Laurent Phalippou (Thales Alenia Space, France): Wide Swath Altimetry and the coastal zone (15')
- Discussion (25')

The Speakers charge

- In your 15' brief, please include a concise and candid list of
- (1) advantageous features, as well as
- (2) disadvantages and limitations of your respective new technical approach to coastal altimetry.
- You are hereby challenged to list only advantages that are minimally controversial, and to cite all top-level disadvantages that apply, including in particular those that otherwise might be volunteered from the audience if omitted.
- The purpose is to provide a technical foundation to help inform the seed question and discussion period to follow.
- "averaging"

Forthcoming Technologies

Seed questions

- How do technological developments in forthcoming altimetry missions contribute to coastal altimetry ?
- Are there mission and technology opportunities outside Earth Observation which are relevant to coastal altimetry ?
- What requirements for coastal applications should drive future mission and instrument designs ?